

### Remarks

Claims 1-18 are currently pending in the Application.

### Allowable Claims

The Applicant acknowledges with gratitude the Examiner's indication of allowability as to Claims 2, 5-11 and 15-17.

### Summary of claim amendments

This response amends Claims 1, 4, 6, 11 and 17 to clarify the language of the claims. Support for the amendments can be found, for example, in Figure 12 and corresponding text of the specification. No new matter has been added.

### 35 U.S.C. §102(b) Rejection

Claims 1, 3-4, 11, 13-14 and 18 stand rejected under 35 U.S.C. §102(b) as being anticipated by Ganeshmoorthy (U.S. Patent No. 6,392,599). Applicants respectfully disagree.

The Examiner is reminded that “[a] claim is anticipated only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference.” MPEP 2131 quoting *Verdegaal Bros. V. Union Oil Co, of California*, 814 F.2d 628, 631, 2 USPQ2d 1051, 1053 (Fed. Cir. 1987). The Examiner is also reminded that “[the] identical invention must be shown in as complete detail as is contained in the ... claim.” MPEP 2131 quoting *Richardson v. Suzuki Motor Co.*, 868 F.2d 1226, 1236, 9 USPQ2d 1913, 1920 (Fed. Cir. 1989). Applicants submit that Ganeshmoorthy does not teach each and every element as set forth in the rejected claims. In particular:

### Claim 1

Applicants submits that Ganeshmoorthy does not disclose, suggest or teach, *inter alia*, at least the following features recited by amended Claim 1 of the present application:

“a monopole element **extending** from the substrate, at least one grounded

parasitic element located proximate the monopole element and **extending** from the substrate ...” (emphasis added)

The Examiner asserts that the “substrate” as recited in Claim 1 is disclosed by Ganeshmoorthy’s circuit board “11.” See page 2, section 2 of the Official Action. The Examiner further asserts that the “monopole element” as recited in Claim 1 is disclosed by Ganeshmoorthy’s element “16.” See page 2, section 2 of the Official Action. The Examiner also asserts that the “grounded parasitic element” as recited in Claim 1 is disclosed by Ganeshmoorthy’s element “18.” See page 2, section 2 of the Official Action. Applicant respectfully traverses the Examiner’s assertion.

According to Ganeshmoorthy, elements “16” and “18” do not extend from the circuit board “11,” but are disposed flat on the surface of the circuit board “11.” See Figure 1 of Ganeshmoorthy. Because elements “16” and “18” do not extend from the circuit board “11,” Ganeshmoorthy does not teach, disclose or suggest “a monopole element **extending** from the substrate, at least one grounded parasitic element located proximate the monopole element and **extending** from the substrate” as recited in amended Claim 1.

Hence, Claim 1 is patentable over Ganeshmoorthy and should be allowed by the Examiner. Claims 3-4, 11, 13-14 and 18, at least based on their dependency on Claim 1, are also believed to be patentable over Ganeshmoorthy.

The Examiner is encouraged to contact the undersigned to discuss any other issues requiring resolution.

Conclusion

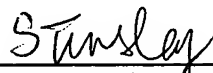
In view of the above, reconsideration and allowance of all the claims are respectfully solicited.

The Commissioner is authorized to charge any additional fees which may be required or credit overpayment to deposit account no. 08-2025. In particular, if this response is not timely filed, then the Commissioner is authorized to treat this response as including a petition to extend the time period pursuant to 37 CFR 1.136 (a) requesting an extension of time of the number of months necessary to make this response timely filed and the petition fee due in connection therewith may be charged to deposit account no. 08-2025.

I hereby certify that this correspondence is being deposited with the United States Post Office with sufficient postage as first class mail in an envelope addressed to Mail Stop Amendment Commissioner for Patents POB 1450, Alexandria, VA 22313-1450 on

November 29, 2005  
(Date of Deposit)

Shannon Tinsley  
(Name of Person Signing)

  
(Signature)

November 29, 2005  
(Date)

Respectfully submitted,



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